

## PATENT ABSTRACTS OF JAPAN

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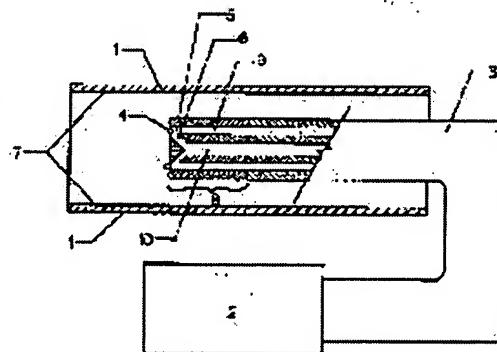
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## (54) METHOD AND APPARATUS FOR WASHING INTERIOR OF PIPE

## (57)Abstract:

PURPOSE: To wash the interior of piping without damaging the piping and generating the clogging of the piping with ice by injecting an icelike substance.

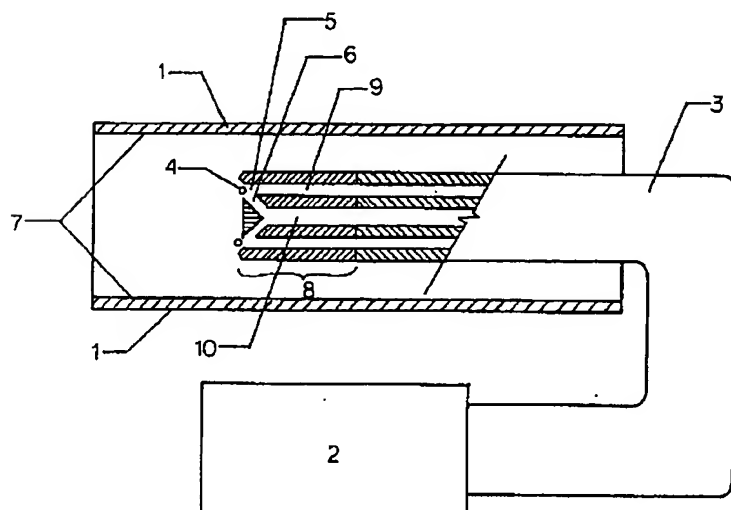
CONSTITUTION: Waterdrops are blown off by compressed air and the scattered waterdrops are formed into ice particles by adiabatic expansion and these ice particles are injected in a pipe to wash the interior of the pipe or waterdrops are injected in the pipe to be washed under vacuum to be formed into ice particles by mass transfer and these ice particles are allowed to impinge against the inner surface of the pipe to be washed to wash the interior of the pipe. A pipe interior washing device is constituted by providing a head 8 having small holes 5 emitting waterdrops 4 and nozzles 6 injecting compressed air to the leading end part of the pipe 3 inserted in the pipe to be washed so as to produce and inject ice in the vicinity of the head.



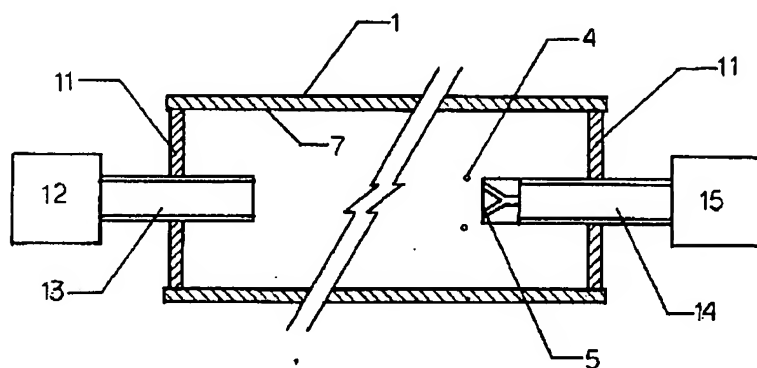
## LEGAL STATUS

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